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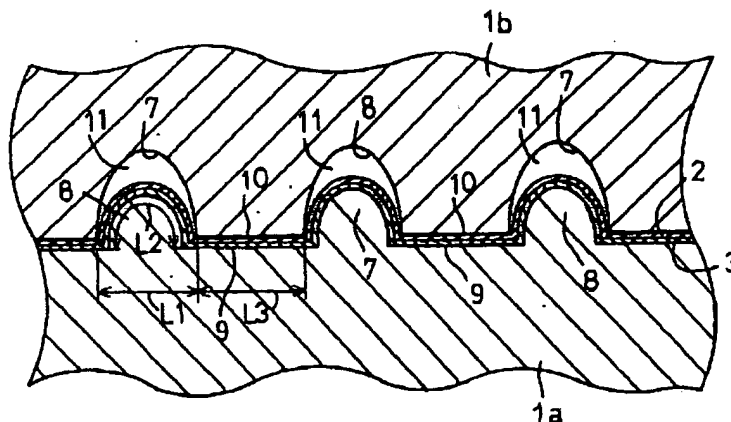
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(54) **Apparatus and process for making elastic composite sheet**

(57) An apparatus and process for making an elastic composite sheet includes a pair of rolls (1a, 1b) adapted to bond respective surfaces of a non-stretchable sheet (2) and a stretchable sheet (3) fed together into a nip of the rolls (1a, 1b). One (1a) of the rolls is formed with ridges (7) while the other roll (1b) is formed with grooves (8)

(8) and the ridges (7) are engaged with the grooves (8) with spaces left between surfaces of the ridges (7) and the grooves (8) to form the non-stretchable sheet (2) on its surface with stripe-like crests and flat troughs each defined between each pair of the adjacent crests; and the non-stretchable sheet (2) is bonded along its troughs to the surface of the stretchable sheet (3).

**FIG.2**



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EP 00 30 5682

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B32B A61F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 Apr11 2002	Examiner Lanaspeze, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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